

Date:

Batch No:

Dart P/O:

Supplier:

Release Note Attached:

Yes

Yes

Yes

Waybill Attached:

Shipment Complete:

QC6 Inspection

Work Order

No

No

No

N/A

N/A

N/A

N/A

Packing Slip:

Yes

No

Invoice:

Yes

No

Receipt:

Cash

Cr

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Location

Production/Admin:

Date

Received/Costing

Initial



O'Neal High-Performance Metals Group

INVOICE
"We appreciate your business"
Please Remit to:

RECEIVED NOV 23 2011

TW METALS, INC
PO. BOX 933014
ATLANTA GA 31193-3014

SALES OFFICE: 585-768-5600
Please Reference Invoice Number with Payment

Invoice No
60453323
Invoice Date
11/15/11
Customer PO No
PO15444
Order Date
11/11/11

CUSTOMER# 1203820

Sold to: DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
CANADA

Ship to: DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
ONTARIO CANADA

Payment Terms	Freight Terms	Shipped Via	Date Shipped	
NET 30 DAYS	PREPAID	COMMON CARRIER	11/14/11	
Line No	Description	Quantity - UOM	Price - UOM	Extended Price

1	D6061-T6 3/8 OD X .058 WALL LENGTH:12 FT ML ECCN:EAR99	300.000 FT 25 EA	2.2500 FT	675.00 ✓
3	D6061-T6 5/16 OD X .058 WALL LENGTH:12 FT ML ECCN:EAR99	204.000 FT 17 EA	2.2000 FT	448.80 ✓
4	D6061-T6 5/8 OD X .065 WALL LENGTH:12 FT ML ECCN:EAR99	60.000 FT 5 EA	2.1000 FT	126.00 ✓

ENTERED NOV 28 2011

This Invoice is subject to and governed by the Terms and Conditions and Material Safety Data Sheet information in effect on the order date shown herein (the "Terms and Conditions"). For Terms and Conditions go to www.twmetals.com. The Terms and Conditions are made a part of this invoice through incorporation by reference and so will apply just the same as if included in the body or on the reverse side of this invoice or if separately attached. If you cannot access the Terms and Conditions at the URL address provided, you may request them by calling (800)228-3950.

DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED

Goods covered by this invoice were produced in accordance with the applicable provisions of the Fair Labor Standards Act of 1938, as amended.

Invoice Subtotal:	1249.80
Tax (if applicable):	.00
Invoice Total:	1249.80

PAID
DEC 15 2011
2020

If paid within discount period:



O'Neal High-Performance Metals Group

INVOICE
"We appreciate your business"
Please Remit to:

RECEIVED NOV 23 2011

TW METALS, INC
PO. BOX 933014
ATLANTA GA 31193-3014

SALES OFFICE: 585-768-5600
Please Reference Invoice Number with Payment

Invoice No
60453328
Invoice Date
11/15/11
Customer PO No
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Order Date
11/11/11

CUSTOMER# 1203820

Sold to:
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
CANADA

Ship to:
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
ONTARIO CANADA

Payment Terms NET 30 DAYS	Freight Terms PREPAID	Shipped Via COMMON CARRIER	Date Shipped 11/14/11
-------------------------------------	---------------------------------	--------------------------------------	---------------------------------

Line No	Description	Quantity - UOM	Price - UOM	Extended Price
1	SMLS CD 304/L A269 1 OD X .049 WALL LENGTH:17/24 FT SHIP WITH 60453323 ECCN:2B999.g	20.000 FT 1 EA	2.1000 FT	42.00

SHIP WITH 60453323

This Invoice is subject to and governed by the Terms and Conditions and Material Safety Data Sheet information in effect on the order date shown herein (the "Terms and Conditions"). For Terms and Conditions go to www.twmetals.com. The Terms and Conditions are made a part of this invoice through incorporation by reference and so will apply just the same as if included in the body or on the reverse side of this invoice or if separately attached. If you cannot access the Terms and Conditions at the URL address provided, you may request them by calling (800)228-3950.

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ENTERED NOV 28 2011

Invoice Subtotal	42.00
Tax (if applicable)	.00
Invoice Total	42.00
DEC 15 2011 2020	
(2000)	
If paid within discount period:	

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors PO ID PO15444 Receipt Dates from 11/18/2011 to 11/18/2011

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Sta	PO U/M / Stock U/M	Required Qty	Rev Date/ Rev Emp	Rev Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name											
PO15444	1		VU-TWMM001 TW Metals								
			M6061T6T0.375W.0 f 58		11/15/2011	11/18/2011	300.0000	\$2.29	0.0000	0	\$686.27
USD	No		6061-T6 RD Tube .375 x.058W 119678	f	300.0000	DES102		\$686.27	0.0000	0	
	2		M304TR1.000W.049 f		11/15/2011	11/18/2011	20.0000	\$2.14	0.0000	0	\$42.70
	No		304 RD Tube 1.00 x .049W 119678	f	24.0000	DES102		\$42.70	0.0000	0	
	3		M6061T6T0.3125W. f 058		11/15/2011	11/18/2011	204.0000	\$2.24	0.0000	0	\$456.29
	No		ALUM TUBE .3125 x .058W 119678	f	200.0000	DES102		\$456.29	0.0000	0	
	4		M6061T6T0.625W.0 f 65		11/15/2011	11/18/2011	60.0000	\$2.14	0.0000	0	\$128.10
	No		6061-T6 RD Tube .625 x.065W 119678	f	60.0000	DES102		\$128.10	0.0000	0	
Total Received Quantity:											584.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$1,313.37
Total Balance Due Quantity:											4.0000



PACKING SLIP

ORDER NO.: 60453328 FROM: CRAN PAGE 1

CUST NUMBER: 1203820 NET WGT: 9.953 REQ.DATE: 11/15/11 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKESBURY ON HAWKESBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY DISTRICT: CRANBURY
TERMS: NET 30 DAYS VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT FREIGHT: PREPAID
CUST ORD NO.: PO15444 RELEASE NO.:
RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH

0001 37056 SMLS CD 304/L A269 1 OD X .049 WA 17/24 FT
QTY: 20.000 FT WT: 9.953 PC: 1 SHP: 20.000 FT

** 1 TEST REPORTS REQUIRED **
** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00
PO:49250764 HT:YT10725 PC: 1 SLB/CL:7-87
MLT:CHINA MFG:CHINA
SHIP WITH 60453323

SHIP WITH 60453323

----- PACK INFO -----						
AREA	TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
B	CARTON	1.000	19.000		20.5000	

		1.000	19.000			

BY: RL
RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED _____

DATE FILLED _____

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



PACKING SLIP

ORDER NO.: 60453328 FROM: CRAN PAGE 2

CUST NUMBER: 1203820 NET WGT: 9.953 REQ.DATE: 11/15/11 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKESBURY ON HAWKESBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7
SALESPERSON: DONNA SMALLEY DISTRICT: CRANBURY
TERMS: NET 30 DAYS 27 ENGLEHARD DRIVE
F.O.B.: SHIPPING POINT MONROE TWP NJ 08831
CUST ORD NO.: PO15444
VIA: COMMON CARRIER
FREIGHT: PREPAID
RELEASE NO.:
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Electronically Generated Certificate-Valid without signature Date: 11/15/11

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON THE REVERSE SIDE FOR YOUR CAREFUL REVIEW.

MILL TEST REPORT

Purchaser.: TW METALS-Cranbury				Certificate No.: 11-8-133					
Contract No.: TWM P.O.No.: M49250764				Date of Issue.: 2011.8.19					
Commodity: Stainless Steel Seamless Tubes				Specifications: ASTM A213-10/ASME SA213-08/ASTM A269-10 EAW					
Process: Cold Drawn				Delivery Condition: OD Polished to 240 Grit					
Steel Grade	Heat Number	Lot Number	Dimensions	Quantity					
				Pieces	Quantity (ft)				
TP304/TP304L	YT10725	7-87	1" x 0.049" x 20'	25	500				
Chemical Composition by Weight (%)									
Element	C	Mn	P	S	Si	Cr	Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	18.00-20.00	8.00-12.00		
Ladle Analysis	0.025	0.72	0.038	0.004	0.41	18.14	8.08		
Product Analysis	0.029	0.69	0.039	0.010	0.49	18.38	8.33		
Mechanical Properties									
Test Item	Elongation (% in 2")	Tensile Strength (MPa)		Yield Strength (MPa)					
		Rm	Rp / 0.2%						
Requirements	≥35	≥515	≥205						
Test Results	63/64	590/600	240/250						
Test Item	Reduction of Area Z (%)	Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test		
Requirements		HRB≤80		21%	e=0.09				
Test Results		75/77		Passed	Passed		OK		
Test Item	Eddy Current Test	Air Underwater	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection				
Requirements	ASTM E 426			ASTM A262 E	End Cut	Appearance			
Test Results	Passed			OK	OK	OK			

Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) Tubes tested per ASTM A1016-08
- (3) In Compliance with U.S. Mil-P-24691/3
- (4) In Compliance with EN 10204-3.1
- (5) Materials is NACE MR0103-2007 compliant
- (6) Materials is NACE MR0175/ISO 15156-2003 compliant
- (7) In Compliance with RoHS Directive 2008/35/EC
- (8) No weld repair performed
- (9) Free from mercury contamination
- (10) Billets melt and pipes/tubes manufactured in China
- (11) FAR BAA / DFARS BAA / FAR TAA: CANNOT CERTIFY COMPLIANCE
- (12) 100% PMI Tested

We hereby certify that this report is true and correct.

By: Shanghai Pufa Stainless Steel Pipe Factory



James Shi

Manager of Quality Control Department

Shanghai Pufa Stainless Steel Pipe Factory

No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China

TW METALS

OCT 11 2011

REPORT

ISO 9001:2008 Certified by Moody International 110703068

ACCEPTABLE BY

PED Certified by APRAGAZ 10/CN/2260-0-Rev 0



PACKING SLIP

ORDER NO.: 60453323 FROM: CRAN PAGE 1

CUST NUMBER: 1203820 NET WGT: 39.513 REQ.DATE: 11/15/11 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKESBURY ON HAWKESBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY DISTRICT: CRANBURY
TERMS: NET 30 DAYS VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT FREIGHT: PREPAID
CUST ORD NO.: PO15444 RELEASE NO.:
RECEIVING PHONE:

LINE	ITEM DESCRIPTION	WIDTH	LENGTH
0001	41952 D6061-T6 3/8 OD X .058 WA		12 FT ML
QTY:	300.000 FT	WT: 20.340 PC: 25 SHP:	300.000 FT ✓

** 1 TEST REPORTS REQUIRED **
** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
PO:49255874 HT:543977 PC: 25 SLB/CL:334291
MLT:UNITED STATES MFG:UNITED STATES

0003	41723 D6061-T6 5/16 OD X .058 WA		12 FT ML
QTY:	200.000 FT	WT: 11.138 PC: 17 SHP:	204.000 FT ✓

** 1 TEST REPORTS REQUIRED **
** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
PO:49250970 HT:541901 PC: 17 SLB/CL:333694
MLT:UNITED STATES MFG:UNITED STATES

0004	42558 D6061-T6 5/8 OD X .065 WA		12 FT ML
QTY:	60.000 FT	WT: 8.035 PC: 5 SHP:	60.000 FT

** 1 TEST REPORTS REQUIRED **
** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
PO:49255596 HT:F000124850001 PC: 5 SLB/CL:207919
MLT:UNITED STATES MFG:UNITED STATES

----- PACK INFO -----
AREA TYPE OF PKG PKGS GRS WEIGHT WIDTH LENGTH HGHT

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



PACKING SLIP

ORDER NO.: 60453323 FROM: CRAN PAGE 2

CUST NUMBER: 1203820 NET WGT: 39.513 REQ.DATE: 11/15/11 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKESBURY ON HAWKESBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7
SALESPERSON: DONNA SMALLEY DISTRICT: CRANBURY
TERMS: NET 30 DAYS VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT FREIGHT: PREPAID
CUST ORD NO.: PO15444 RELEASE NO.:
RECEIVING PHONE:

LINE	ITEM DESCRIPTION		WIDTH	LENGTH
B	REDDICRATE	1.000	69.000	12.5000

1.000 69.000

BY: VY
RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED _____

DATE FILLED _____

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



PACKING SLIP

ORDER NO.: 60453323 FROM: CRAN PAGE 3

CUST NUMBER: 1203820 NET WGT: 39.513 REQ.DATE: 11/15/11 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKSBURY ON HAWKSBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7
SALESPERSON: DONNA SMALLEY DISTRICT: CRANBURY
TERMS: NET 30 DAYS 27 ENGLEHARD DRIVE
F.O.B.: SHIPPING POINT MONROE TWP NJ 08831
CUST ORD NO.: PO15444
VIA: COMMON CARRIER
FREIGHT: PREPAID
RELEASE NO.:
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

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Electronically Generated Certificate-Valid without signature Date: 11/15/11

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THANK YOU FOR THIS ORDER

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KAISER ALUMINUM

FABRICATED PRODUCTS

CERTIFIED TEST REPORT
<http://Certs.KaiserAluminum.com>

KAISER ALUMINUM
 FABRICATED PRODUCTS, LLC
 6573 W. WILLIS ROAD
 CHANDLER, AZ 85226

CUSTOMER PO NUMBER: M49255596-1		CUSTOMER PART NUMBER: 42558		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 207919	LINE ITEM: 001	SHIP DATE: 08/09/2011	KAISER LOT NUMBER: F00012485	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 417.000 LB	QUANTITY: 259.000 PCS	B/L NUMBER: 208558	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO: TW METALS INC 27 ENGLEHARD DRIVE EXIT 8A OFF NJ TPK MONROE TWP, NJ 08831 USA			SOLD TO: TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00012485	0001	1	49.9	47.1	12.5	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D69529	.64	.32	.23	.06	1.00	.07	.05	.02	.00	.00	.00	.03	.04
D69393	.62	.33	.24	.05	1.00	.08	.06	.03	.00	.00	.00	.02	.03

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00011353

Kaiser Order Number: 207919

Line Item: 001



KAISER ALUMINUM

FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

CERTIFIED TEST REPORT

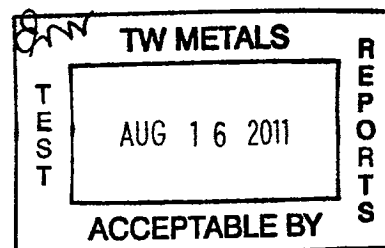
<http://Certs.KaiserAluminum.com>

Applicable Requirements:

Description: OD: 0.625"; Wall: 0.065"; Round @
AMS-4082P AMS-WW-T-700/6B ASTM-B210-04 WW-T-700/6F
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.
THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INACTIVE OR
CANCELLED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3F,
WW-T-700/4F, WW-T-700/5E, WW-T-700/6F, and WW-T-700/7B.
This Product Complies to FAR BAA, DFARS BAA, FAR TAA
COMPLIES TO DIN EN 10204 JAN 2005
No Weld Repair. Mercury Free.

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA



CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00011353

Kaiser Order Number: 207919

Line Item: 001

Control No: 141379



Precision Tube Company

A Mueller Industries Company

287 Wissahickon Avenue

North Wales, Pennsylvania 19454

Phone: (215) 699-5801 - Fax: (215) 699-0761

Quality Management System Registered to ISO 9001: 2008

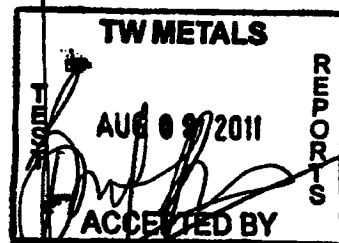
CERTIFICATION AND TEST REPORTS

49255874 LINE 003	334291	24A037500580006
-------------------	--------	-----------------

SOLD TO
TW METALS
SUITE 204
760 CONSTITUTION DR.
EXTON, PA 19341

SHIP TO
TW METALS
2211 TUBEWAY AVENUE
LOS ANGELES, CA 90040

1,500 FT	METAL - 6061 ALUM ✓ TEMPER - T6 ✓ SPEC - AMS 4082P ASTM-B-210-04 ✓ AMS-WW-T-700/6B ✓ LENGTH - 12 FT ✓ LGTH TOL +.1250 IN -.0000 IN SHAPE - ROUND FINISH - STRAIGHT EXACT LENGTHS OD .3750 +.0030 -.0030 ✓ ID WALL .0580 +.0040 -.0040 ✓	816 FT	08/04/11
----------	---	--------	----------



SAMPLE #	TENSILE STRENGTH (P.S.I.)	YIELD STRENGTH (P.S.I.)	ELONGATION IN 2 INCHES (%)	ROCKWELL HARDNESS	AVERAGE GRAIN SIZE (MM)
1	46,879 ✓	41,889 ✓	17 ✓		

EXPANSION TEST:

MERCURIOS NITRATE TEST:

MICRO EXAMINATION:

Country of Melt: USA ✓ Country of Mfg: USA ✓

DFARS BAA _____ Complies _____ Cannot Certify Compliance

FLATTENING TEST: PASS

FLARE TEST:

FAR BAA _____ Complies _____ Cannot Certify Compliance

FAR TAA _____ Complies _____ Cannot Certify Compliance

EDDY CURRENT TEST: PASS

HYDROSTATIC PRESSURE TEST:

ULTRASONIC TEST:

ALLOY: 6061	HEAT:	TRACEABILITY #: 543977 ✓
		RAW MATL VEND: pt18456 - Kaiser Aluminum
Si ✓	Fe ✓	Cu ✓
Mn ✓	Mg ✓	Cr ✓
Zn ✓	Ti ✓	Other - Elements Al
MIN. 0.40	0.15	0.80
MAX. 0.80	0.70	0.40
0.15	1.20	0.35
0.25	0.15	0.05
0.15	0.05	0.15
Each	Tot.	Rem.

We hereby certify that the foregoing results are correct, that the material complies with the requirements of the above specifications and purchase order and that the test reports represent the actual attributes of the items furnished on this order. During the manufacturing, testing and inspection, the product did not come into direct contact with mercury or any of its compounds, nor with any mercury containing device employed a single boundary containment.

BY: Art Onaitis

08/04/11

DART
aerospaceDart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053**PURCHASE ORDER**Purchase Order ID **PO15444**

Purchase Order Date 11/11/2011

PO Print Date 11/11/2011

Page Number 1 of 2

Order From :

VU-TWM001

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
USContact Name
Vendor Phone
Vendor Fax
Vendor Account Nbr585 768 5600
585 768 5601Buyer
Requisition Nbr
Tax Resale Nbr
Terms
Currency
FOBBrigitte Golden
10127-2607
Net 30
USD
Destination-Collect

119678

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6T0.375W.058 014	6061-T6 RD Tube .375 x.058W	11/15/2011 Yes	300.00 f	Yours ppd ✓	\$2.2500	\$675.00
		Special Inst:	6061-T6 OR 6061-T62 TUBING PER WW- T-700/6 OR AMS 4080 OR AMS 4082 OR QQ-A-200/8 OR QQ-A-225/8				
2	M304TR1.000W.049 018	304 RD Tube 1.00 x .049W	11/15/2011 Yes	24.00 f	Yours ppd Nec 20	\$2.1000	\$50.40
		Special Inst:	AISI 304/316 SS SEAMLESS ROUND BAR ASTM A213 OR ASME SA213 OR ASTM A269				
3	M6061T6T0.3125W.058 013	ALUM TUBE .3125 x .058w	11/15/2011 Yes	200.00 f	Yours ppd Nec 207	\$2.2000	\$440.00
		Special Inst:	6061-T6 OR 6061-T62 TUBING PER WW- T-700/6 OR AMS 4080 OR AMS 4082 OR QQ-A-200/8 OR QQ-A-225/8				

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 11/11/2011



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO15444**

Purchase Order Date 11/11/2011

PO Print Date 11/11/2011

Page Number 2 of 2

Order From :

VU-TWM001

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

Contact Name
Vendor Phone
Vendor Fax
Vendor Account Nbr

585 768 5600
585 768 5601

Buyer
Requisition Nbr
Tax Resale Nbr
Terms
Currency
FOB

Brigitte Golden
10127-2607
Net 30
USD
Destination-Collect

4	M6061T6T0.625W.065 MY	6061-T6 RD Tube .625 x.065W	11/15/2011 Yes	60.00 f	Yours ppd	\$2.1000	\$126.00
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Special Inst: 6061-T6 OR 6061-T62 TUBING PER WW-
T-700/6 OR AMS 4080 OR AMS 4082 OR
QQ-A-200/8 OR QQ-A-225/8

PO Total:

\$1,291.40

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 11/11/2011



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO15444**

Purchase Order Date 11/11/2011

PO Print Date 11/11/2011

Page Number 1 of 2

Order From :

VU-TWM001

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

Contact Name

Vendor Phone 585 768 5600

Vendor Fax 585 768 5601

Vendor Account Nbr

Buyer

Brigitte Golden

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination Collect

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6T0.375W.058	6061-T6 RD Tube .375 x.058W	11/15/2011 Yes	300.00 f	Yours ppd	\$2.2500	\$675.00
		Special Inst:	6061-T6 OR 6061-T62 TUBING PER WW- T-700/6 OR AMS 4080 OR AMS 4082 OR QQ-A-200/8 OR QQ-A-225/8				
2	M304TR1.000W.049	304 RD Tube 1.00 x .049W	11/15/2011 Yes	24.00 f	Yours ppd	\$2.1000	\$50.40
		Special Inst:	AISI 304/316 SS SHEET ANNEALED, 2B FINISH SPEC: MIL-S-5059 OR AMS 5513 (304) OR AMS 5525 (316) OR ASTM A240 OR ASME SA240				
3	M6061T6T0.3125W.058	ALUM TUBE .3125 x .058w	11/15/2011 Yes	200.00 f	Yours ppd	\$2.2000	\$440.00

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 11/11/2011



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO15444**

Purchase Order Date 11/11/2011

PO Print Date 11/11/2011

Page Number 2 of 2

Order From :

VU-TWM001

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

Contact Name		Buyer	Brigitte Golden
Vendor Phone	585 768 5600	Requisition Nbr	
Vendor Fax	585 768 5601	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	USD
		FOB	Destination-Collect

Special Inst: 6061-T6 OR 6061-T62 TUBING PER WW-
T-700/6 OR AMS 4080 OR AMS 4082 OR
QQ-A-200/8 OR QQ-A-225/8

4	M6061T6T0.625W.065	6061-T6 RD Tube .625 x.065W	11/15/2011	60.00	Yours ppd	\$2.1000	\$126.00
			Yes	f			

Special Inst: 6061-T6 OR 6061-T62 TUBING PER WW-
T-700/6 OR AMS 4080 OR AMS 4082 OR
QQ-A-200/8 OR QQ-A-225/8

PO Total: \$1,291.40



No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 11/11/2011

Chantal Lavoie

From: Smalley, Donna <donna.smalley@twmetals.com>
Sent: November 11, 2011 11:20 AM
To: Chantal Lavoie
Subject: RE: quote

Donna Smalley
Inside Account Manager
TW Metals-Rochester, NY
Phone 585-768-5600
Fax 585-768-5601
Direct 585-768-5604
800-203-8000
www.twmetals.com

From: Chantal Lavoie [<mailto:clavoie@dartaero.com>]
Sent: Friday, November 11, 2011 10:45 AM
To: Smalley, Donna
Cc: Brigitte Golden
Subject: quote

Hi Donna,
Please advise price & delivery on material.

6061-t6 round tubing .3125" x .058" wall x 200 ft \$2.20 ft stock ✓
6061-t6 round tubing .375" x .058" wall x 300 ft \$2.25 ft stock ✓
6061-t6 round tubing .625" x .065" wall x 60 ft \$2.10 ft stock k ✓
304 round tubing 1" x .049" wall x 24 ft \$2.10 ft stock ✓

Thanks
Chantal



Control No: 140529

Precision Tube Company

A Mueller Industries Company

287 Wissahickon Avenue

North Wales, Pennsylvania 19454

Phone: (215) 699-5801 - Fax: (215) 699-0761

Quality Management System Registered to ISO 9001: 2008

CERTIFICATION AND TEST REPORTS

CUSTOMER PURCHASE ORDER NO.	CUST. ORD. NO.	PRECISION TUBE P/N
49250970 LINE 001	333694	24A031250580005

SOLD TO
TW METALS
SUITE 204
760 CONSTITUTION DR.
EXTON, PA 19341

SHIP TO
TW METALS - CRANBURY
27 ENGLEHARD DRIVE
MONROE TWP, NJ 08831

QUANTITY ORD.	DESCRIPTION	QTY. SHIPPED	DATE SHIPPED
3,600 FT	METAL - 6061 ALUM TEMPER - T6 SPEC - AMS 4082P ASTM-B-210-04 AMS-WW-T-700/6A LENGTH - 12 FT LGTH TOL +.1250 IN -.0000 IN SHAPE - ROUND FINISH - STRAIGHT EXACT LENGTHS OD .3125 +.0030 -.0030 ID WALL .0580 +.0040 -.0040	3,960 FT	07/15/11

MECHANICAL PROPERTIES					
SAMPLE #	TENSILE STRENGTH (P.S.I.)	YIELD STRENGTH (P.S.I.)	ELONGATION IN 2 INCHES (%)	ROCKWELL HARDNESS	AVERAGE GRAIN SIZE (MM.)
1	46,208	40,969	16		

EXPANSION TEST:

MERCURIOS NITRATE TEST:

MICRO EXAMINATION:

FLATTENING TEST:

FLARE TEST:

Country of Mfg: USA Country of Mfg: USA

FAR BAA ☒

Complies

Cannot Certify Compliance

DFARS BAA ☒

Complies

Cannot Certify Compliance

FAR TAA ☒

Complies

Cannot Certify Compliance

NON-DESTRUCTIVE TESTS

EDDY CURRENT TEST: PASS

HYDROSTATIC PRESSURE TEST:

ULTRASONIC TEST:

CHEMICAL COMPOSITION

ALLOY: 6061

HEAT:

TRACEABILITY #: 541901

RAW MATL VEND: pt18096 - Kaiser Aluminum

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other - Elements Al
MIN.	0.40		0.15		0.80	0.04			
MAX.	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	0.05

We hereby certify that the foregoing results are correct, that the material complies with the requirements of the above specifications and purchase order and that the test reports represent the actual attributes of the items furnished on this order. During the manufacturing, testing and inspection, the product did not come into direct contact with mercury or any of its compounds, nor with any mercury containing device employed a single boundary containment.

BY: Art Onaitis

07/15/11



625 S. FIFTH AVE. (717) 274-2521
P.O. BOX 630
LEBANON, PA 17042-0630
www.newpenn.com

CONSIGNEE MEMO

NPME



DATE 11/14/2011		BILLER KTR	D/T 20	T/S 1	P/U DRIVER 247361	P/U TRAILER	SHIPPER CODE 32741	CONSIGNEE CODE 99999	FREIGHT BILL NO. CD#12 24790968		
CONSIGNEE	DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON K6A					SHIPPER	T W METALS INC 27 ENGLEHARD DR MONROE TWP NJ 08831 R				
	P.O. NO. PD15444						B/L NO. 60453323-12927			P/U NO. 77460514	
TRANSFER FROM		AT	ADV C/L PRO. NO.		TRANSFER TO		AT	DUE ADV. C/L		DUE NPME	DUE DLV. C/L
					SPEEDY TRANSPOR						
PCS.	DESCRIPTION					ACCESSORIAL CHGS.		WEIGHT/LBS.	RATE	CHARGES	
2	C85	PKGS ALUMINUM TUBING ROUND **EXPORT PAPERS ATTACHED TO FRT BILL** * * *PACKING SLIP IS ATTACHED* * * * *					BORDER SECU		88		
							FUEL SUR CH				
		16:20 JTM									
2	← TOTALS →					TERMS: PREPAID		C.O.D. \$		88	TOTAL
BILL TO 16N9 ECOS	RECEIVED IN GOOD CONDITION					SIGNATURE X <i>[Signature]</i>		PRINT NAME			
						DRIVER <i>[Signature]</i>		DEL. DATE		TRL. NO.	
						Thank You					